

ABSTRACT OF THE DISCLOSURE**5 METHOD AND SYSTEM FOR ADAPTIVE CACHING IN A NETWORK
 MANAGEMENT FRAMEWORK USING SKELETON CACHES**

 A method, system, apparatus, and computer program
product is presented for management of a distributed data
10 processing system. A network management framework
dynamically adapts database operations so as to maximize
system performance. A skeletonization mechanism is
presented in which some objects are merely represented in a
database cache as a skeleton object. A skeleton object
15 holds only a fraction of an object's full complement of
data; the skeleton object remains associated with its
complete object, also termed its corresponding full object
or non-skeleton object, which remains stored within its
original location within a database. Skeletonized data can
20 be updated on an as-needed or on-demand basis or when
otherwise convenient; at that time, a skeleton handler can
detect when a request is made for the object, retrieve the
remaining data from persistent storage, and then mark the
cached object as being a full object or non-skeleton object.

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